TELEFUNKEN SERVICE

FERNSEHEN
TELEVISION
TÉLÉVISION

Chassis 318 A

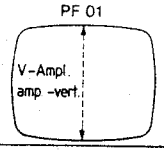
Bestell-Nr. 319 494 504

Service-Einstellungen · Regolazioni di servizio · Service adjustments · Réglages de service

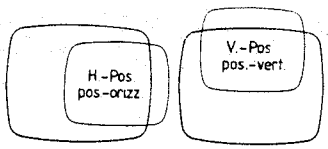
1 Chassis · Telaio · Chassis

Hauptspannung, Tensione principale, Principal voltage, Tension principale } Usyst. 104 V
1. ◑ ☼ min.
2. PP 01 → 104 V ± 1 V

PF 01



PF 02 RF 13/14/15



LC 03; 5,5 MHz
Tonfalle · trapola tono · sound trap
1. Oscilloscop. → BE 01/pin 10
2. Schwarz-Weiß-Testbild (ohne Burst) segnale bianco-nero (senza burst) black + white signal (without burst)
3. LC 03 → 5,5 MHz min.

U_{G2} Schirmgitterspannung · tensione griglia schermo · screen grid voltage
1. Grautreppe · scala grigio · grey scale
2. ◑ + ☼ → standard, III → min.
3. U_{G2} → alle Grauwerte sichtbar · visione tutti toni grigi · all grey scale values visible

PC 01 PAL-Amplitude · Amplitude PAL · LC 02 PAL-Phase · Fase PAL
1. Oscilloscop. → (F1) R-Y
2. Oscilloscop.: 2 Zeilen triggern · trig. 2 linea · trigger to 2 lines
3. PC 01/LC 02 wechselweise · alternativo · alternating → min. jitter

5 **Bildröhrenplatte · piastra cinescopio · CRT-board**

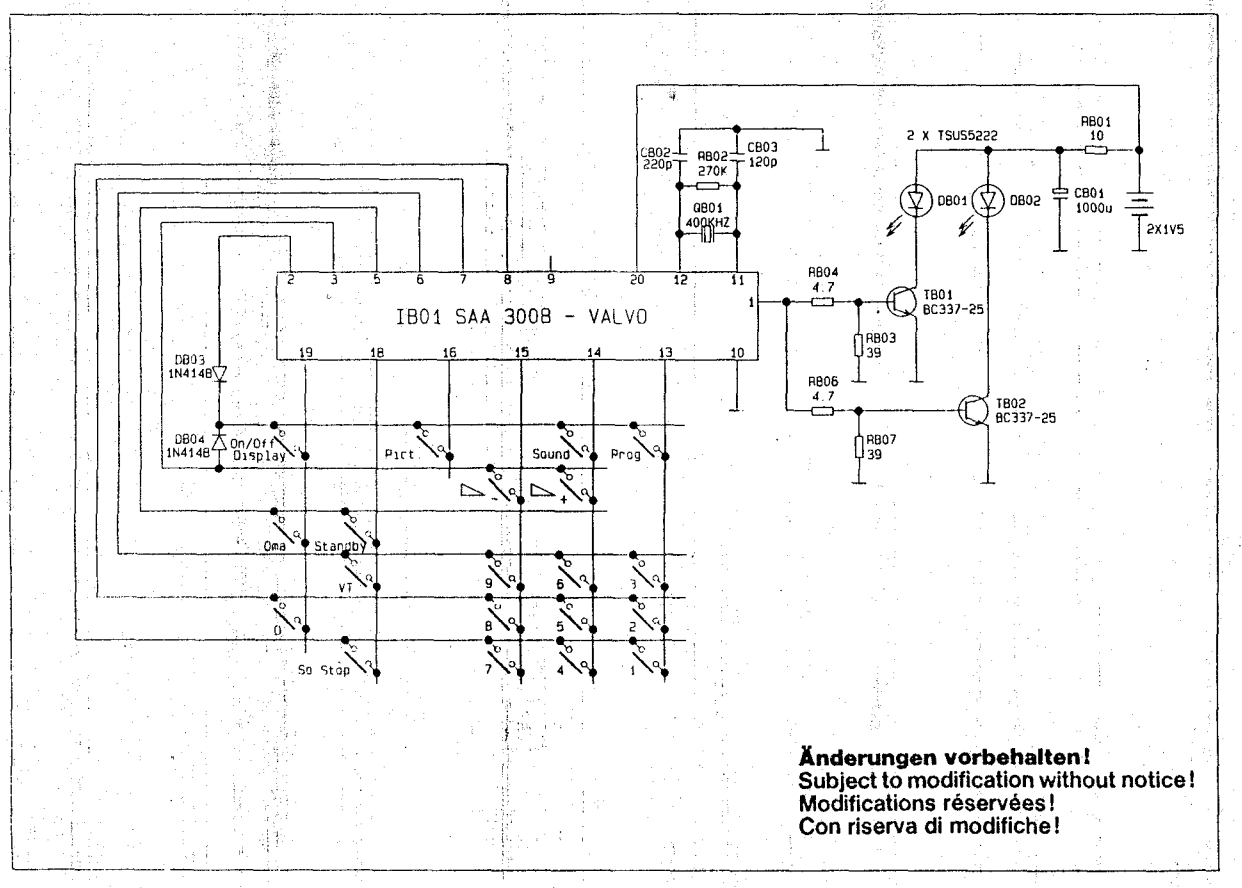
I. **Weißabgleich · aggustiamento bianco · white adjustment**
1. ◑ + ☼ → max.
2. Schwarz-Weiß-Testbild · segnale bianco-nero · black + white test pattern
3. PV 104/PV 105 wechselweise · alternativo · alternating → Bild auf min. Farbstich · colore a livello minimo · to min. color shade

II. **Grauabgleich · aggustiamento grigio · grey adjustment**
1. Schwarz-Weiß-Testbild · segnale bianco-nero · black + white test pattern
2. ◑ + ☼ → Bild gerade noch sichtbar · quadro apena visibile · picture just visible
3. PV 101/102/103 wechselweise · alternativo · alternating → Bild auf min. Farbstich · colore a livello minimo · to min. color shade
4. Einstellung I bei Bedarf wiederholen · aggustiamento I se necessario ripertere · repeat adjustment I if necessary

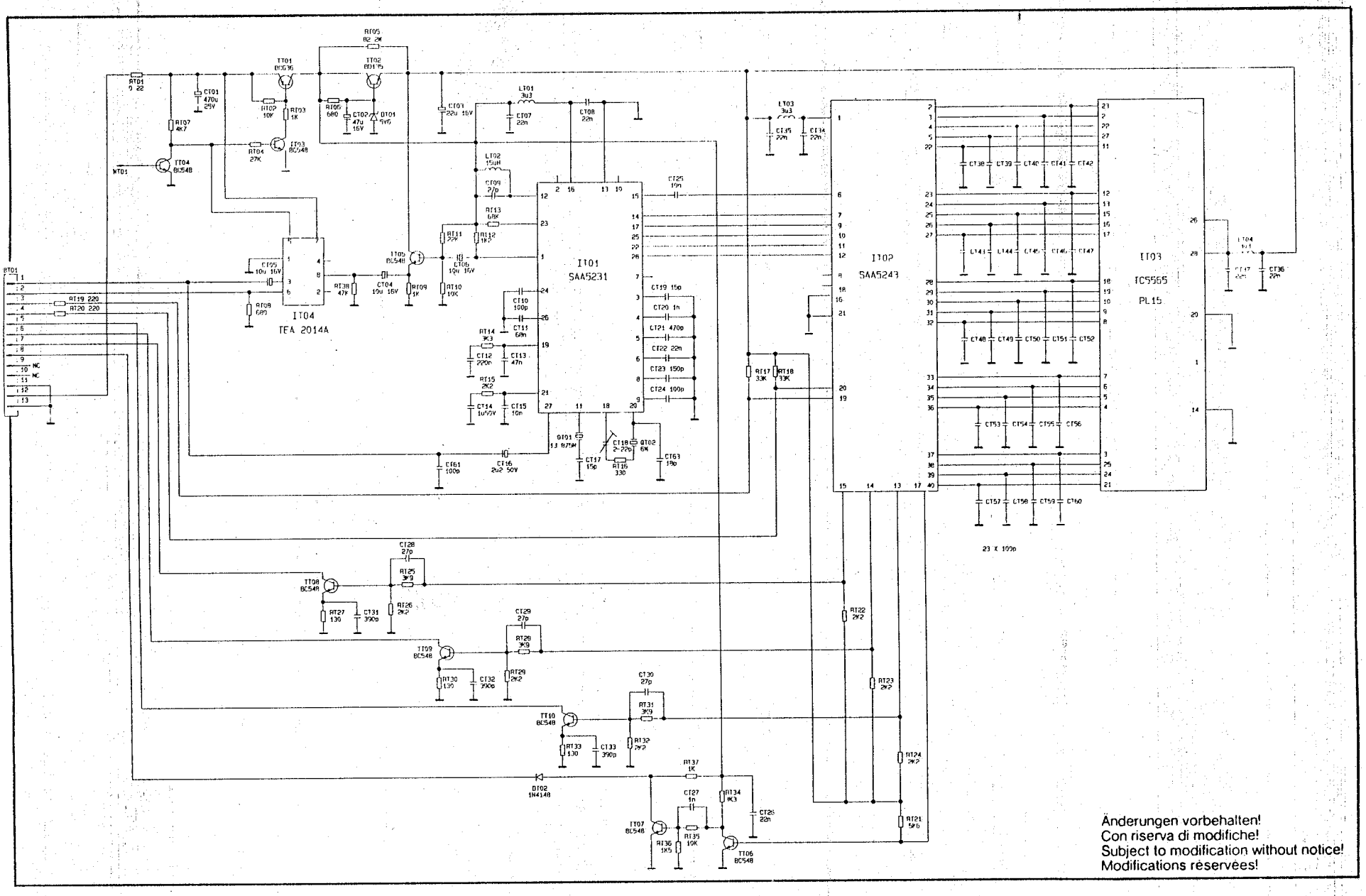
Bauteilekennzeichnung der Funktionsstufen
Codice componenti con sigla dello stadio
Signification of components of the stages
Désignation des composants et des circuits

RC, CC, DC, TC, LC	etc.	→ Chroma	(PAL-Decoder, Decoder F
RF, CF, DF, TF, LF	etc.	→ Field	(Vertikal, Verticale)
RL, CL, DL, TL, LL	etc.	→ Line	(Horizontal, orizzontale)
RP, CP, DP, TP, LP	etc.	→ Power	(Netzteil, Alim. rete)
RS, CS, DS, TS, LS	etc.	→ Sound	(Audio)
RV, CV, DV, TV, LV	etc.	→ Video	(Video)

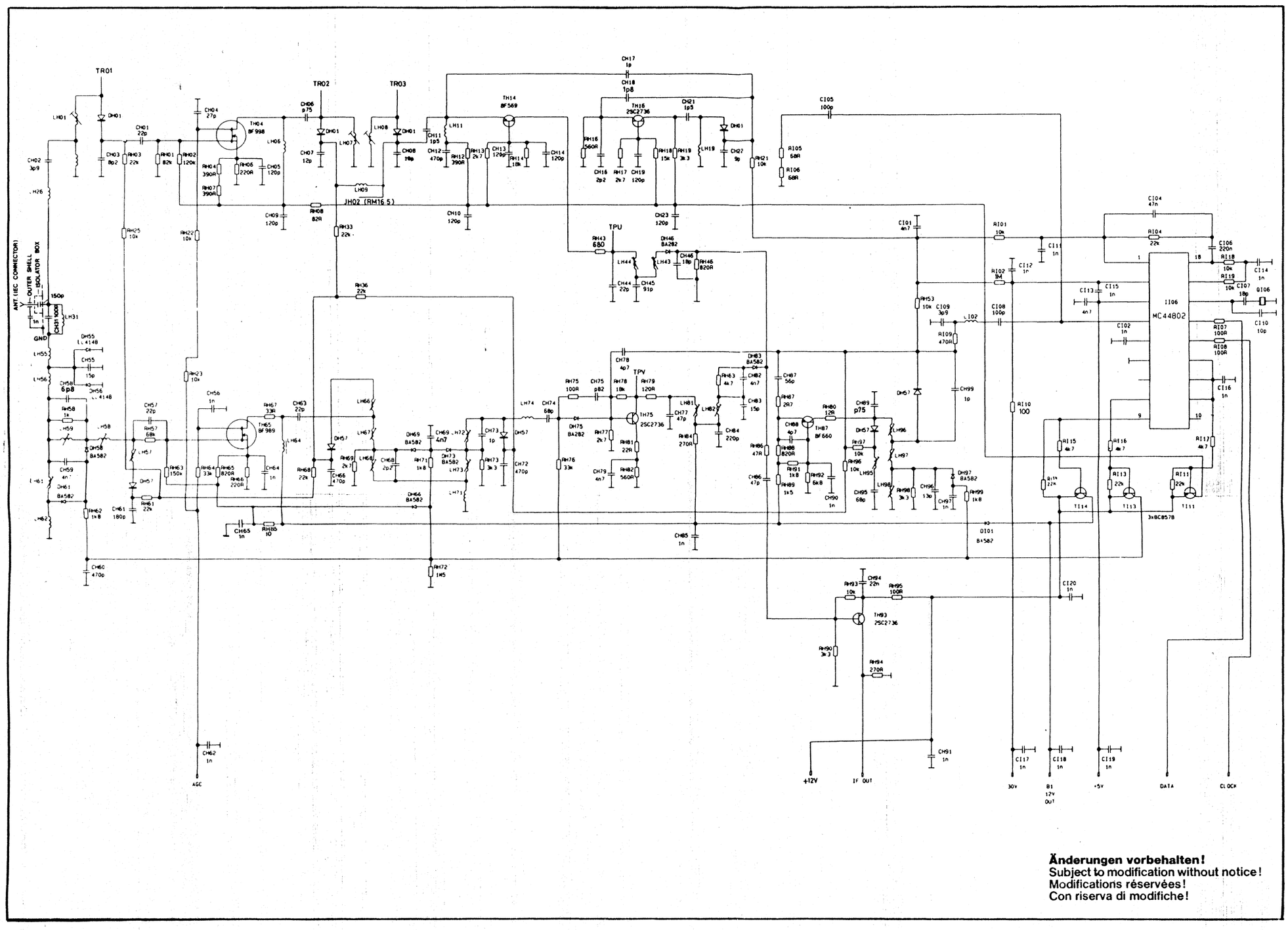
Fernbedienung · Remote control · Télécommande · Telecomando



Videotext Module (Optional)



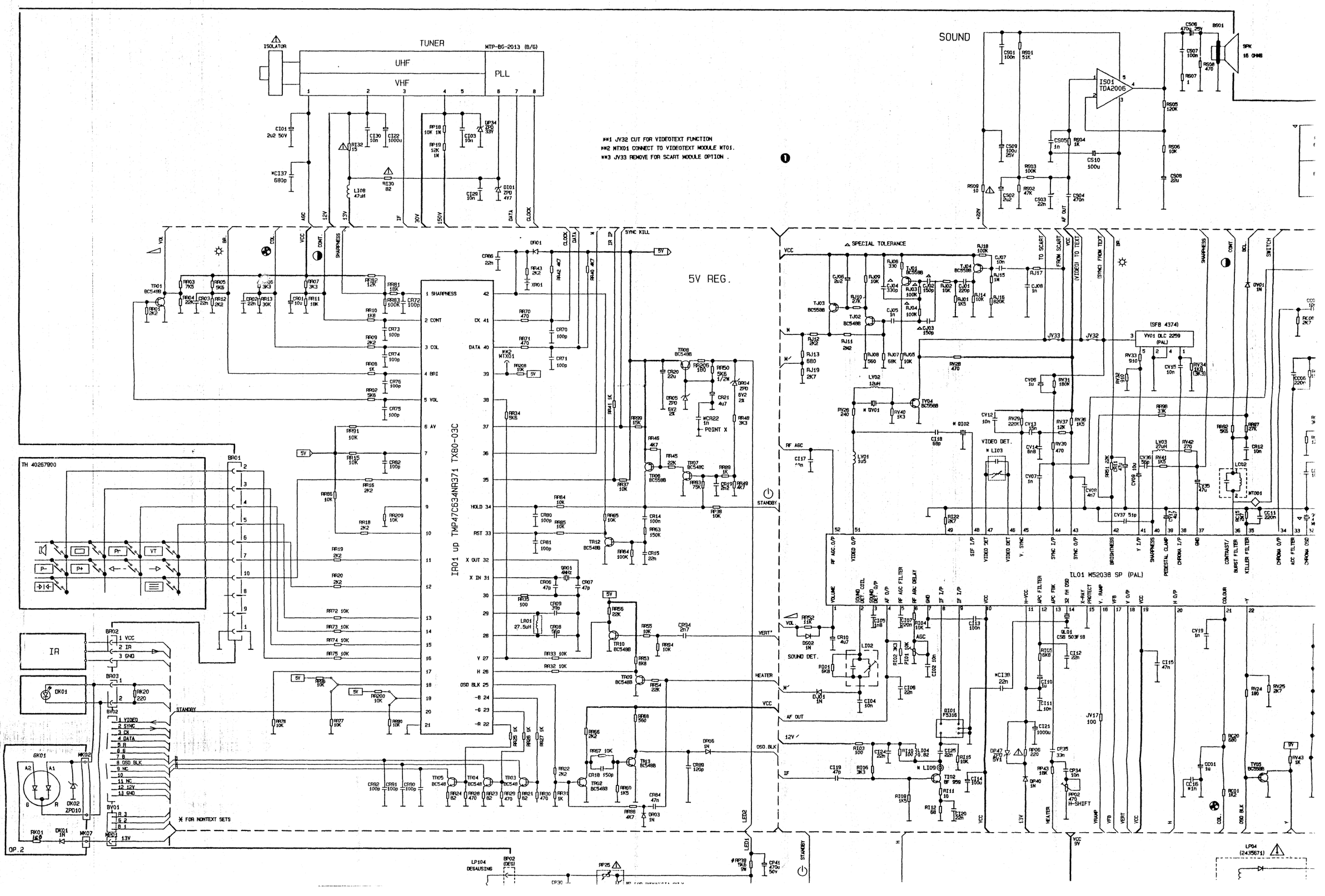
VHF-UHF-Tuner/ZF-IF/PLL



Änderungen vorbehalten!
Subject to modification without notice!
Modifications réservées!
Con riserva di modifiche!

❶ Chassis
telaio

❿ Bildröhrenplatte
Piastra cinescopio
CRT-board
Platine du tube image



SOUND

VIDEO O/P STAGE

5V REG.

SYNC KILL

SPECIAL TOLERANCE

(SFB 4374)

TL01 M52038 SP (PAL)

VV01 DLC 2259 (PAL)

IS01 TDA2006

SPK 16 OHMS

FE & EUROPE	QC01	40404371
	RC24	4117B702 RCF 5.6M
EUROPE ONLY	QC01	30597300
	RC24	4132B802 RCF 3.9M

##1 JV32 CUT FOR VIDEOTEXT FUNCTION
##2 MTX01 CONNECT TO VIDEOTEXT MODULE MT01.
##3 JV33 REMOVE FOR SCART MODULE OPTION .

* JUMPERS FOR NON-FTZ

12u FOR FTZ SETS

STANDBY

SOUND DET.

VIDEO DET.

RF AGC

CRT

GND CHASSIS

+VG2

FOCUS

EHT

IR01 up TMP47C634NR371 TXB0-03C

IL01 M52038 SP (PAL)

TH 40267900

IR01 TXB0-07 (T: 90543896)				
PIN18	PIN17	BANDS	NORM	IF Freq (MHz)
RR77	RR76	V, U	B/G	38.9
RR97	RR95	U	I	39.5
RR96	RR76	V, U	B/G (SPANISH)	38.9
RR96	RR95	V, U	I	39.5

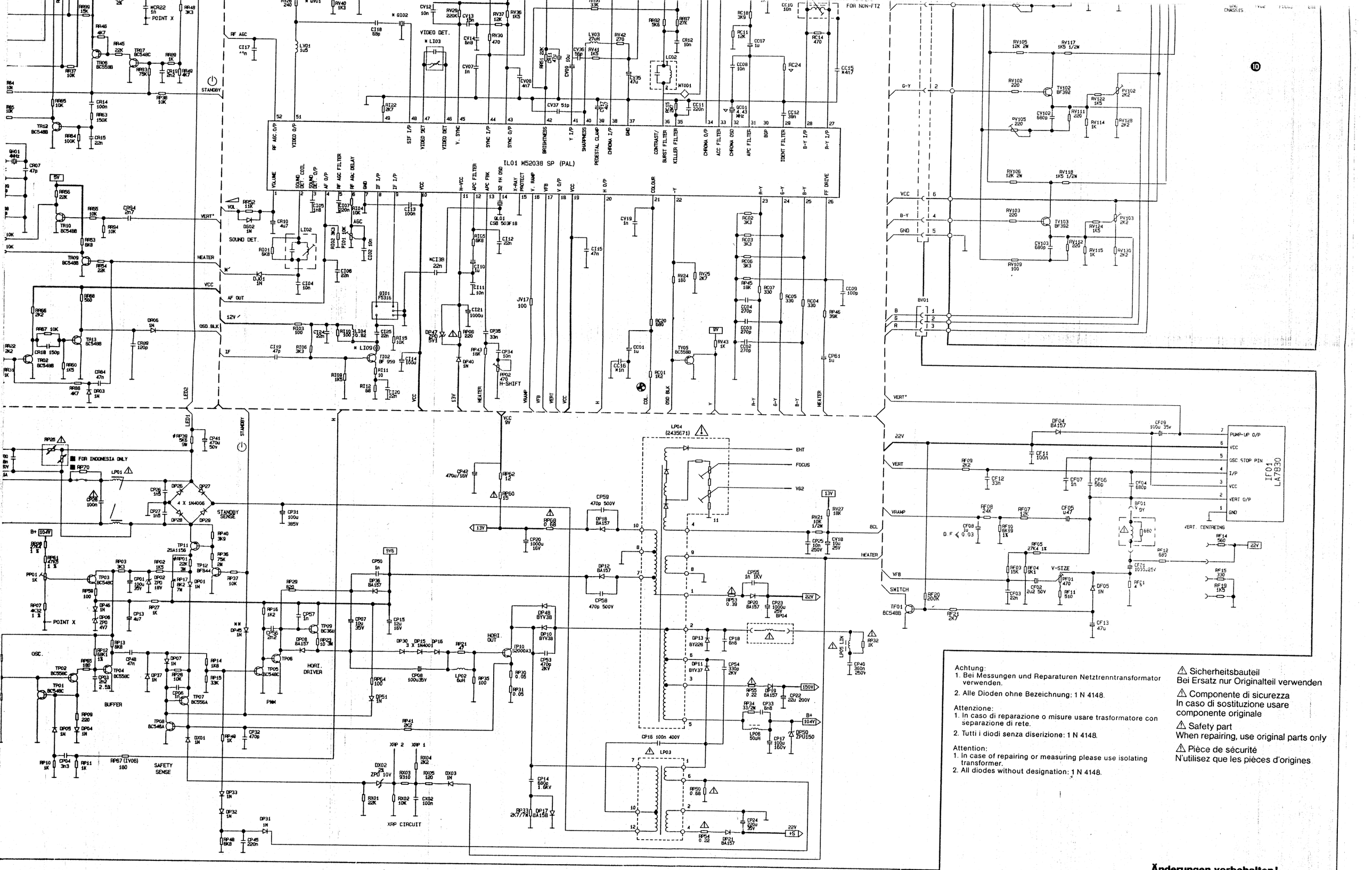
NOTE : PIN 9 CONNECTED TO GROUND VIA RR209
PIN 19 WITH RR200, 5 MINUTES TIMER ENABLE.
WITH RR90 , 5 MINUTES TIMER DISABLE.

4) ⌀

POS.	220V AC	240V AC
RP01	22K	27K
RP17	8K2	9K1
RP39	5K6	6K8

■ FOR INDONESIA ONLY
■ RP70

** FOR AC-DC MODELS ONLY



Achtung:
1. Bei Messungen und Reparaturen Netztrenntransformator verwenden.
2. Alle Dioden ohne Bezeichnung: 1 N 4148.

Attenzione:
1. In caso di reparazione o misure usare trasformatore con separazione di rete.
2. Tutti i diodi senza diserizione: 1 N 4148.

Attention:
1. In case of repairing or measuring please use isolating transformer.
2. All diodes without designation: 1 N 4148.

⚠ Sicherheitsbauteil
Bei Ersatz nur Originalteil verwenden

⚠ Componente di sicurezza
In caso di sostituzione usare componente originale

⚠ Safety part
When repairing, use original parts only

⚠ Pièce de sécurité
N'utilisez que les pièces d'origines

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